ABSTRACT OF THE DISCLOSURE

The present invention discloses a method by which a new Bluetooth piconet is established amongst participants of an old Bluetooth piconet whose master has disappeared. After determining that the master has disappeared, one of the slaves is selected to take the function of the master and reestablishes communications at the Baseband layer by contacting each of the other participants. Further, the present invention discloses a method and an associated device for realizing point-to-multipoint communications using a Bluetooth piconet by using an application adaptation layer and a local addressing list. Also, the present invention discloses a method by which point-to-multipoint communications by an application using a Bluetooth piconet is reestablished amongst participants of an old Bluetooth piconet whose master has disappeared. After reestablishing the piconet at the Baseband layer, communications at higher layers of the Bluetooth protocol stack are reestablished from the bottom up, that is, reestablishing communications at the LM layer precedes reestablishing communications at the L2CAP layer.